



L1_Cal Schedule

Bagby/Mulhearn 7.11.05

| Tasks for Review | Start Date | Personnel | Status | Notes |
|---|------------|---|--------|--|
| (STATUS) H: HOLD S: SCHEDULED U: UNDERWAY D: DONE (MODIFIERS): P: PROMISING N: NORMAL T: TROUBLE B: BAD | | | | |
| Infrastructure | | | | |
| VLDS cable labeling/bundling | July 11 | Stone/Rahmi/Cosmin | U-P | D: labels |
| PFC labeling/bundling | July 11 | Stone/Rahmi/Cosmin | U-P | D: labels |
| Cable plant hardware and cable installation | July 18 | Foglesong/Martinez/Bagby | U-P | drawings under review |
| Transition system installation (1 crate) | July 18 | Foglesong/Martinez/Gregorio/Edmunds/LB | U-P | Hinged path panel delivery July 15 |
| Robust signal transmission | | | | |
| BLS - to - ADF | | Edmunds/Gregorio/Philippe | U-P | |
| ADF - to - TAB | | Gregorio/Mulhearn/Rahmi | U-P | |
| TAB - to - L2/L3 | | Mulhearn/Mikolaj(2)/Nayeem(3)/Sabine/LB | U-B | g-link error troubleshooting in progress |
| TAB - to - GAB | | Mulhearn/Cory | U-P | |
| TAB - to - Caltrack | Aug 1 | Mulhearn/Johns | S | |
| GAB - to - L2/L3 | | Mulhearn/Mikolaj(2)/Nayeem(3) | H | due to g-link errors |
| GAB - to - TFW | | Mulhearn/Edmunds/Cory | U-N | |
| SCL - to - ADF | | Edmunds/Philippe | U-P | DONE?? |
| SCL - to - GAB/TAB | | Mulhearn | H | due to g-link errors |
| BLS - to - ADF | | | | |
| TWG tests | July 25 | Edmunds/Gregorio/Philippe | S | |
| connectivity | | | | |
| amplitude | | | | |
| crosstalk | | | | |
| noise floor w/ Transition system | | Rahmi Unalan/Cosmin Dragoiu | | |
| Bxing sync w/ hand pulser | July 25 | Edmunds/Gregorio | S | |
| ADF - to - TAB | | | | |
| Parity check | | Mulhearn/Rahmi | U-P | |
| ATC check | | Mulhearn/Rahmi | U-P | |
| Pseudo random data | July 25 | Edmunds/Mulhearn | S | lower priority, parity works |
| Fully loaded ADF crate | July 25 | Edmunds/Gregorio/Rahmi | S | |



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| TAB - to - L3 | | | | |
| Low BER | | Nayeem/Mulhearn/Sabine/Bagby | H | due to g-link errors |
| Run w/ BOT trigger | July 11 | Nayeem/Mulhearn/Sabine | S | BOT: Beginning Of Turn |
| Run in conjunction w/ D0 | July 11 | Nayeem/Mulhearn/Sabine | S | |
| Bxing sync w/ hand pulser | July 18 | Edmunds/Gregorio | S | |
| Stable running for hrs | | Mulhearn/Nayeem/Sabine | H | due to g-link errors |
| Compare precision readout w/ L1Cal | July 18 | Mulhearn/Nayeem/Sabine | S | |
| GAB - to - TFW | | | | |
| Test AND/OR terms to TFW | | Mulhearn/Cory | U-N | |
| Measure latency | July 25 | Edmunds/Mulhearn/Cory | S | |
| Bxing sync of And/Or terms w/ various trig cond. | July 25 | Edmunds/Mulhearn/Cory | S | |
| Check term rates at TFW w/ detector BLS I/P | Aug 1 | Edmunds/MulhearnCory | S | |
| Controls | | | | |
| Verify hardware configuration capability | | Edmunds/Nayeem(3)/Philippe | | |
| Setup trig conditions w/ COOR or sim COOR dial | | Alan/Nayeem/Sabine | | |
| Monitoring | | | | |
| Demonstrate PS V/I monitoring and control | | Savage/Bagby/Roe | U-P | EPICS software required |
| Tools/displays for low-level error detection | | Roe | | expert tools |
| Tools/displays for high-level monitoring (trig. rates) | | | | shifter tools |
| Basic examine which unpacks data | | | | |
| Documentation | | | | |
| Setup and Operation | | All | U | |
| Meaning of error conditions | | | | |

July -August, 2005

| | |
|--------------------|--|
| Mon, Jul 11 | Label/Bundling scheme review LVDS/PFC Label/Bundling TAB→L3: Run w/BOT trig. Run w/D0 |
| Mon, Jul 18 | Installation week -Transition system/LVDS/PFC GAB→L3: Measure latency Bxing sync w/hand pulser TAB→L3: Bxing sync w/hand pulser Compare precision readout w/L1cal |
| Mon, Jul 25 | BLS→ADF: TWG tests Bxing sync w/hand pulser ADF→TAB: Pseudo random data Fully loaded ADF crate GAB→TFW: Measure latency Bxing sync of AND/OR terms w/various trig.cond. |
| Mon, Aug 1 | TAB→CalTrack GAB→TFW: Check term rates at TFW w/detector BLS I/P |



Toolbox Meeting

Bagby/Mulhearn 7.11.05

- Daily 9AM toolbox meeting in DAB1 lunch room.
 - ♦ The purpose of this daily toolbox meeting is to coordinate our team effort. We have ~ 6-7 weeks before the review. We need to focus intently on the tasks at hand.